

EQ2:QGC:142676/nkg WENMM/SB/21 (12/00)

**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Application Number	09/876,547
Filing Date	June 7, 2001
First Named Inventor	Jingsong Xia
Group Art Unit	2631
Examiner Name	
Attorney Docket Number	31075-6 EQ2

Total Number of Pages in this Submission

**ENCLOSURES (check all that apply)**

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers	<input type="checkbox"/> After Allowance Communication to Group
<input checked="" type="checkbox"/> Fee Attached \$120.00	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment Response	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> To Convert a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address	<input type="checkbox"/> Additional Enclosure (please identify below)
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Return Postcard
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Small Entity Statement	
<input type="checkbox"/> Certified Copy of Priority Documents	<input type="checkbox"/> Request for Refund	
<input checked="" type="checkbox"/> Response to Missing Parts/ Incomplete Application Declar&P/A	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

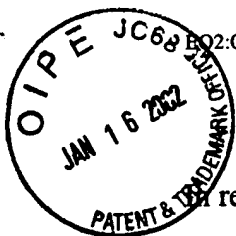
**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual Name	Quentin G. Cantrell Woodard, Emhardt, Naughton, Moriarty & McNett
Signature	<i>Quentin G. Cantrell</i>
Date	31 October 2001

**Certificate of Mailing**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington D.C. 20231 on this date:

Typed or printed name	Quentin G. Cantrell		
Signature	<i>Quentin G. Cantrell</i>	Date	31 October, 2001



02:QGC:146032/nkg

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re patent application of:

Jingsong Xia, et al.

Serial No. 09/876,547

Filed June 7, 2001

ERROR GENERATION FOR  
ADAPTIVE EQUALIZER

)  
)  
) Before the Examiner  
) (not yet known)

)  
)  
) Group Art Unit 2631

)  
)  
) October 31, 2001

**RESPONSE TO NOTICE OF MISSING PARTS**

Honorable Assistant Commissioner  
for Patents  
Washington, D. C. 20231

Sir:

In response to the "Notice to File Missing Parts" having a mailing date of August 7, 2001, Applicants hereby submit an executed Declaration and Power of Attorney for the Patent Application and a check in the amount of \$120.00 for the surcharge of \$65.00 under 37 CFR §1.16(e) and the charge of \$55.00 for an extension for reply within the first month. The return copy of the Notice is also enclosed.

- ☐ Extension of Time Required
- ☐ Express Abandonment
- ☐ Information Disclosure
- ☐ Certified Copy of Prior Art
- ☒ Response to Missing Parts Incomplete Application
- ☐ Response to Missing Parts 37 CFR 1.52 or 1.53

01/22/2002 MBERHE 00000098 09876547  
02 FC:215 55.00 OP

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231 on:

Date of Deposit: 31 October, 2001

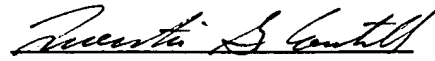
Name of Registered Representative: Quentin G. Cantrell

Signature: Quentin G. Cantrell

Date of Signature: 31 October, 2001

The Commissioner is authorized to charge any deficiencies or credit any overpayments to Deposit Account No. 23-3030, but not to include payment of issue fees.

Respectfully submitted:



Quentin G. Cantrell

Reg. No. 47,469

Woodard, Emhardt, Naughton

Moriarty & McNett

Bank One Center Tower

111 Monument Circle, Suite 3700

Indianapolis, Indiana 46204-5137

(317) 634-3456

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## FEE TRANSMITTAL

Complete if Known

Application Number 09/876,547  
Filing Date June 7, 2001  
First Named Inventor Jingsong Xia  
Group Art Unit 2631  
Examiner Name  
Attorney Docket Number 31075-6 EQ2

Total Amount of Payment (\$120.00)

## METHOD OF PAYMENT

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:Deposit  
Account  
Number

23-3030

Deposit  
Account Name

Woodard, Emhardt, Naughton, Moriarty &amp; McNett

☒ Charge any Additional Fee Required  
Under 37 CFR 1.16 and 1.17☒ Applicant claims small entity status.  
See 37 CFR 1.27.2. ☒ Payment Enclosed:☒ Check ☐ Credit Card ☐ Money Order ☐ Other

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	710	201	355	Utility Filing Fee	
106	320	206	160	Design Filing Fee	
107	490	207	245	Plant Filing Fee	
108	710	208	355	Reissue Filing Fee	
114	150	214	75	Provisional Filing Fee	
SUBTOTAL (1)					

## 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee From Below	Fee Paid
-20** =	0	X	
-3** =	1	X	
Independent Claims			
Multiple Dependent			

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	65.00
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	55.00
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	710	246	355	Filing a submission after final rejection (37 CFR 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other Fee (specify) \_\_\_\_\_

\* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$120.00)

## SUBMITTED BY

Name (Print/Type)

Quentin G. Cantrell

Registration No.  
(Attorney/Agent)

47,469

Telephone

(317) 634-3456

Signature

Date

31 October 2001

Warning: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER

09/876,547

FILING/RECEIPT DATE

06/07/2001

FIRST NAMED APPLICANT

Jingsong Xia

ATTORNEY DOCKET NUMBER

31075-6 EQ2

CONFIRMATION NO. 7553

## FORMALITIES LETTER



\*OC00000006394703\*

Troy Cole  
Doddard, Emhardt, Naughton, Moriarty and McNett  
Bank One Center/Tower  
111 Monument Circle, Suite 3700  
Indianapolis, IN 46204-5137

Date Mailed: 08/07/2001

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 65.

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

4/22/2002 MBERHE 00000098 09876547

FC:205

65.00 OP